



IFW

PATENT  
Customer No. 22,852  
Attorney Docket No. 8959.0009

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
)  
Katsura NOZAWA et al. ) Group Art Unit: 1649  
)  
Application No.: 10/506,624 ) Examiner: Kimberly A. Ballard, Ph.D.  
)  
Filed: September 3, 2004 )  
) Confirmation No.: 1864  
For: NOVEL POTASSIUM- )  
DEPENDENT SODIUM-CALCIUM )  
EXCHANGER )

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**RESPONSE TO RESTRICTION REQUIREMENT**

In a restriction requirement dated July 5, 2006, the Examiner required restriction under 35 U.S.C. § 121 between the following groups:

- Group I - Claims 1-11 and 18, drawn to an isolated polypeptide of SEQ ID NO: 2 or SEQ ID NO: 4, isolated polynucleotide encoding said polypeptide, expression vector and host cell comprising the polynucleotide, method of producing said polypeptide, and first recited method of using said polypeptide in a screening/manufacturing method.
- Group II - Claims 12-13, drawn to a pharmaceutical composition comprising an agent which inhibits the potassium-dependent sodium-calcium exchange activity of a polypeptide of SEQ ID NO: 2 or 4.
- Group III - Claims 14-15, drawn to a method for inhibiting leukocyte activation or treating postischemic reperfusion injury and/or inflammatory disease comprising administering an inhibitor of a potassium-dependent sodium-calcium exchange activity polypeptide of SEQ ID NO: 2 or 4.

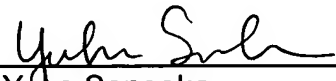
Applicants provisionally elect to prosecute Group I, claims 1-11 and 18, drawn to an isolated polypeptide of SEQ ID NO: 2 or SEQ ID NO: 4, isolated polynucleotide encoding said polypeptide, expression vector and host cell comprising the polynucleotide, method of producing said polypeptide, and first recited method of using said polypeptide in a screening/manufacturing method.

Please grant any extensions of time required to enter this response and charge any additional required fees to our deposit account 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: July 24, 2006

By:   
Yuko Soneoka  
Limited Rec. No. L0093